

Title (en)
EQUIPMENT INSTALLATION SUPPORT SYSTEM

Title (de)
SYSTEM ZUR UNTERSTÜTZUNG DER GERÄTEINSTALLATION

Title (fr)
SYSTÈME D'AIDE À L'INSTALLATION D'ÉQUIPEMENT

Publication
EP 4012645 A1 20220615 (EN)

Application
EP 22154422 A 20180329

Priority
• JP 2017069904 A 20170331
• EP 18775118 A 20180329
• JP 2018013374 W 20180329

Abstract (en)
Indoor units (20b), Wi-Fi access points (70A, 70B), and Wi-Fi units (80A, 80B) connected to the indoor units are intended to be installed in a building (112). Each of the Wi-Fi units is configured to, when one of the Wi-Fi access points which have been found has an RSSI lower than a predetermined value, search for one of the Wi-Fi access points having an RSSI higher than the predetermined value, with also the Wi-Fi access point with the reduced RSSI remaining as a candidate connection destination, and, if the Wi-Fi access point having an RSSI higher than the predetermined value is not found within a predetermined time, establish a connection with one of the found Wi-Fi access points having the highest RSSI.

IPC 8 full level
G06Q 50/16 (2012.01); **F24F 1/60** (2011.01); **F24F 13/32** (2006.01); **G06Q 10/06** (2012.01); **H04L 12/28** (2006.01); **H04L 67/12** (2022.01); **H04W 12/06** (2021.01)

CPC (source: EP US)
G06F 16/18 (2018.12 - US); **G06F 16/909** (2018.12 - EP); **G06F 21/604** (2013.01 - EP); **G06K 19/06037** (2013.01 - US); **G06Q 10/0631** (2013.01 - EP US); **G06Q 50/16** (2013.01 - EP); **H04L 12/2803** (2013.01 - EP); **H04L 12/2825** (2013.01 - US); **H04L 12/2827** (2013.01 - US); **H04L 67/12** (2013.01 - EP); **H04L 67/125** (2013.01 - US); **H04W 12/06** (2013.01 - EP US); **H04W 24/02** (2013.01 - US); **H04L 2012/2841** (2013.01 - US); **H04L 2012/285** (2013.01 - US)

Citation (applicant)
JP 2008215760 A 20080918 - MITSUBISHI ELEC BUILDING TECHN

Citation (search report)
• [I] JP 2007132620 A 20070531 - DAIKIN IND LTD
• [I] EP 2999271 A1 20160323 - XIAOMI INC [CN]
• [I] US 2016061470 A1 20160303 - NAGAMINE MOTOI [JP], et al
• [I] WO 2011147913 A1 20111201 - GLOBAL BLUE HOLDINGS AB [SE], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 11019152 B2 20210525; **US 2019394278 A1 20191226**; AU 2018246502 A1 20190912; AU 2020289869 A1 20210128; AU 2020289869 B2 20221013; CN 110431596 A 20191108; CN 110431596 B 20201124; EP 3605442 A1 20200205; EP 3605442 A4 20200304; EP 4012645 A1 20220615; JP 2018173262 A 20181108; JP 6493590 B2 20190403; WO 2018181780 A1 20181004

DOCDB simple family (application)
US 201916562255 A 20190905; AU 2018246502 A 20180329; AU 2020289869 A 20201218; CN 201880013032 A 20180329; EP 18775118 A 20180329; EP 22154422 A 20180329; JP 2018013374 W 20180329; JP 2018063886 A 20180329